

Patient Name : Mr. ANIL KUMAR DUBEY Visit No : CHA250043947
Age/Gender : 60 Y/M Registration ON : 11/Mar/2025 02:08PM
Lab No : 10141242 Sample Collected ON : 11/Mar/2025 02:08PM
Referred By : Dr. NIRUPAM PRAKASH Sample Received ON :
Refer Lab/Hosp : CGHS (BILLING) Report Generated ON : 11/Mar/2025 05:59PM

ECG -REPORT

RATE : 75 bpm
* RHYTHM : Normal
* P wave : Normal
* PR interval : Normal
* QRS Axis : Normal
Duration : Normal
Configuration : Normal
* ST-T Changes : ST Elevation in L1,L2, avF
* QT interval :
* QTc interval : Sec.
* Other :

**OPINION: ? ACUTE PERICARDITIS
? ACUTE M.I.**

(FINDING TO BE CORRELATED CLINICALLY)

CHARAK

[DR. RAJIV RASTOGI, MD, DM]



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2D- ECHO & COLOR DOPPLER REPORT

1. **MITRAL VALVE STUDY** : MVOA - Normal (perimetry) cm2 (PHT)

Anterior Mitral Leaflet:

(a) **Motion:** Normal (b) **Thickness :** Normal (c) **DE :** 1.7 cm.
(d) **EF** 68 mm/sec (e) **EPSS** : 06 mm (f) **Vegetation :** -
(g) **Calcium :** -

Posterior mitral leaflet : Normal

(a). **Motion :** Normal (b) **Calcium:** - (c) **Vegetation :** -
Valve Score : Mobility /4 Thickness /4 SVA /4
Calcium /4 Total /16

2. **AORTIC VALVE STUDY**

(a) **Aortic root** :3.1cms (b) **Aortic Opening** :1.8cms (c) **Closure:** Central
(d) **Calcium :** - (e) **Eccentricity Index :** 1 (f) **Vegetation :** -

(g) **Valve Structure :** Tricuspid,

3. **PULMONARY VALVE STUDY** Normal

(a) **EF Slope** : - (b) **A Wave :** + (c) **MSN :** -

(D) **Thickness :** (e) **Others :**

4. **TRICUSPID VALVE :** Normal

5. **SEPTAL AORTIC CONTINUITY** 6. **AORTIC MITRAL CONTINUITY**

Left Atrium : 3.0 cms Clot : - Others :
Right Atrium : Normal Clot : - Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.2 cm (s) 2.1 cm

Motion : normal

LVPW (D) 1.2cm (s) 1.7 cm

Motion : Normal

LVID (D) 4.5 cm (s) 2.8 cm

Ejection Fraction : 65%

Fractional Shortening : 35 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

CONCENTRIC LVH
GOOD LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - NORMAL
PV - NORMAL
TV - NORMAL

Mitral valve level :

MV - NORMAL

Papillary Muscle Level :

NO RWMA

Apical 4 chamber View :

No LV CLOT



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm ²)
MITRAL	e = 1.0 a = 0.7	Normal	-	-	-
AORTIC	1.6	Normal	-	-	-
TRICUSPID	0.5	Normal	-	-	-
PULMONARY	1.2	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

NO REGURGITATION OR TURBULENCE ACROSS ANY VALVE

CONCLUSIONS :

- CONCENTRIC LVH
- GOOD LV SYSTOLIC FUNCTION
- LVEF = 65 %
- NO RWMA
- ALL VALVES NORMAL
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

CHARAK

OPINION – CONCENTRIC LVH

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

